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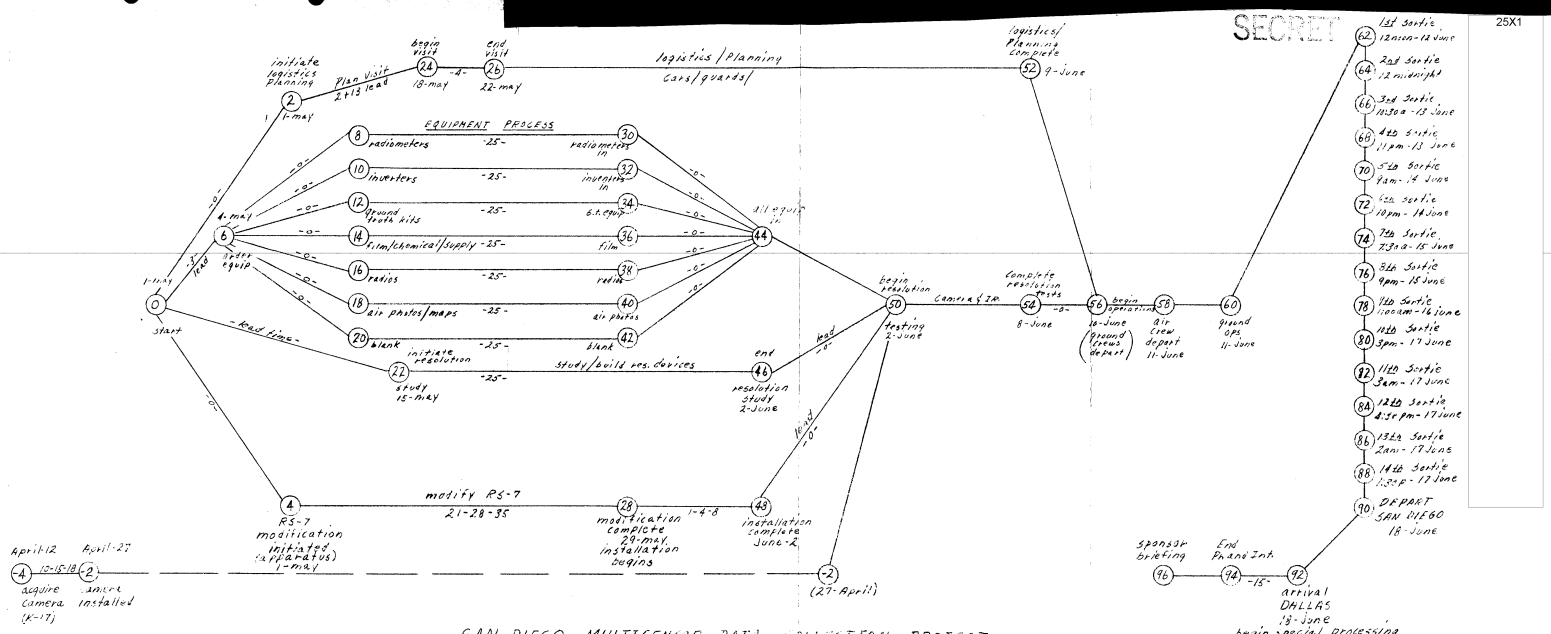


SAN DIEGO MULTISENSOR DATA COLLECTION PROJECT

ATTACHMENT NO. 3

ATTACHMENT No. 4

SECRET

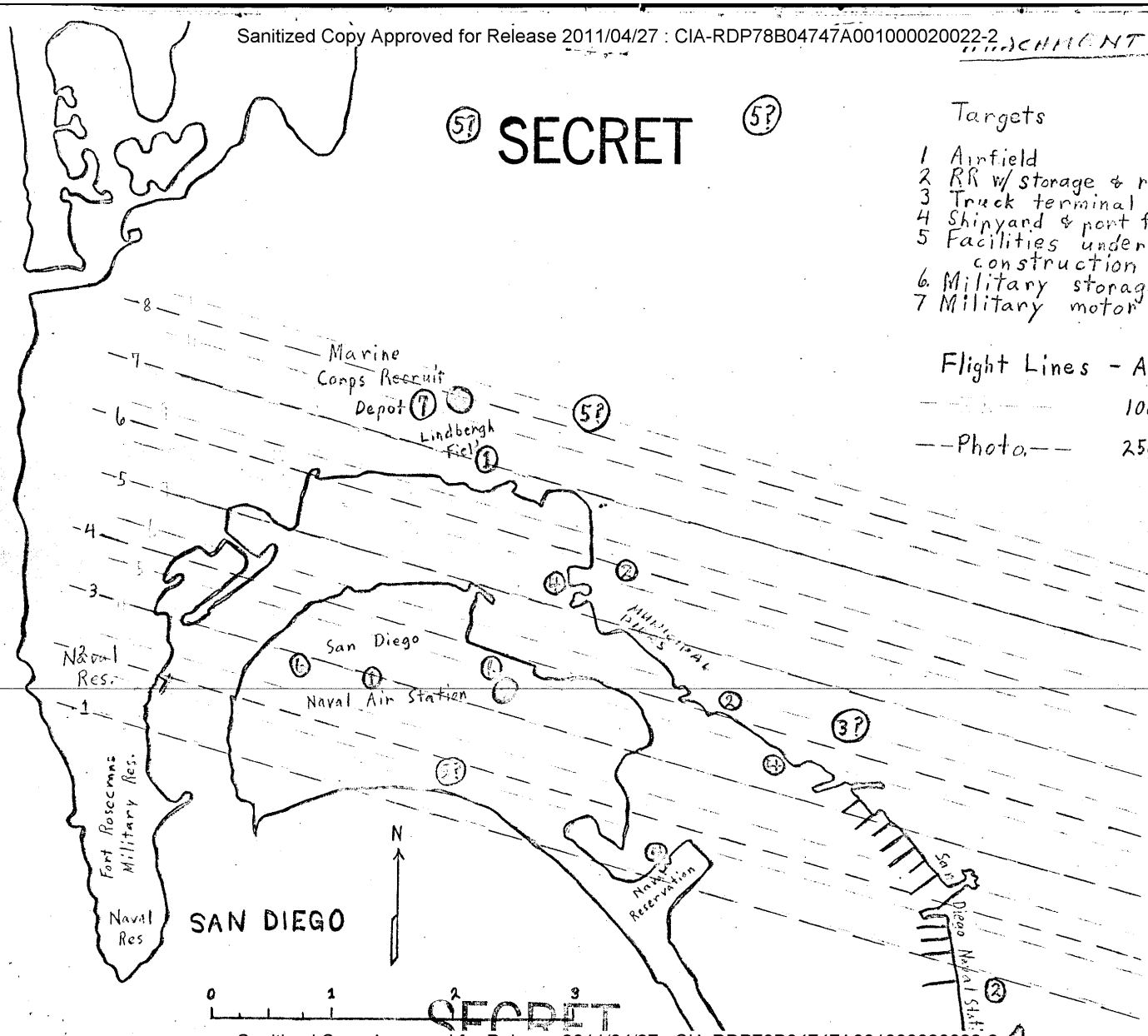
Targets

1 Airfield
2 RR w/ storage & repair
3 Truck terminal
4 Shipyard & port facilities
5 Facilities under rapid construction
6 Military storage
7 Military motor pool

Flight Lines - Alt.

1000'

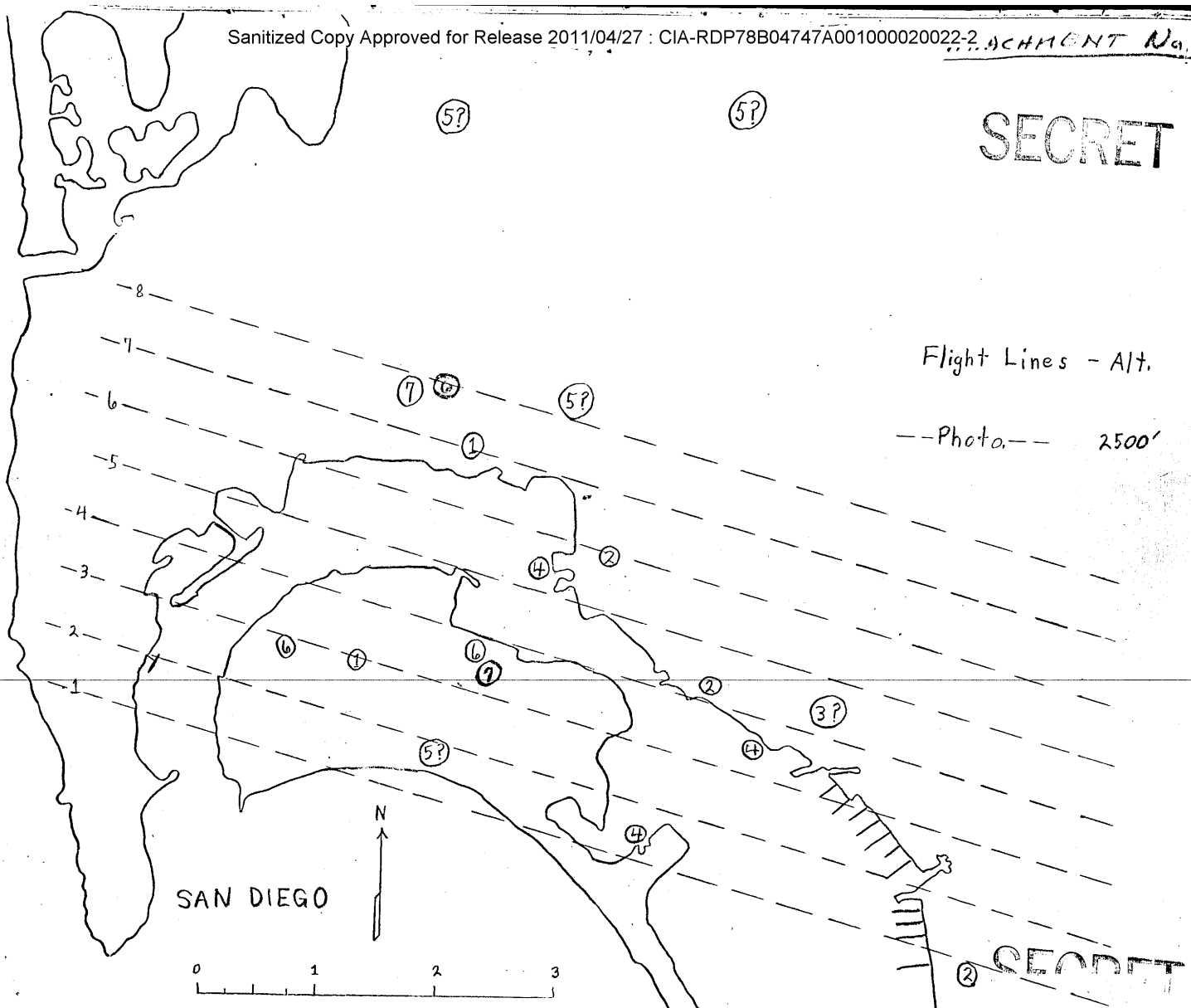
--Photo-- 2500'



SECRET

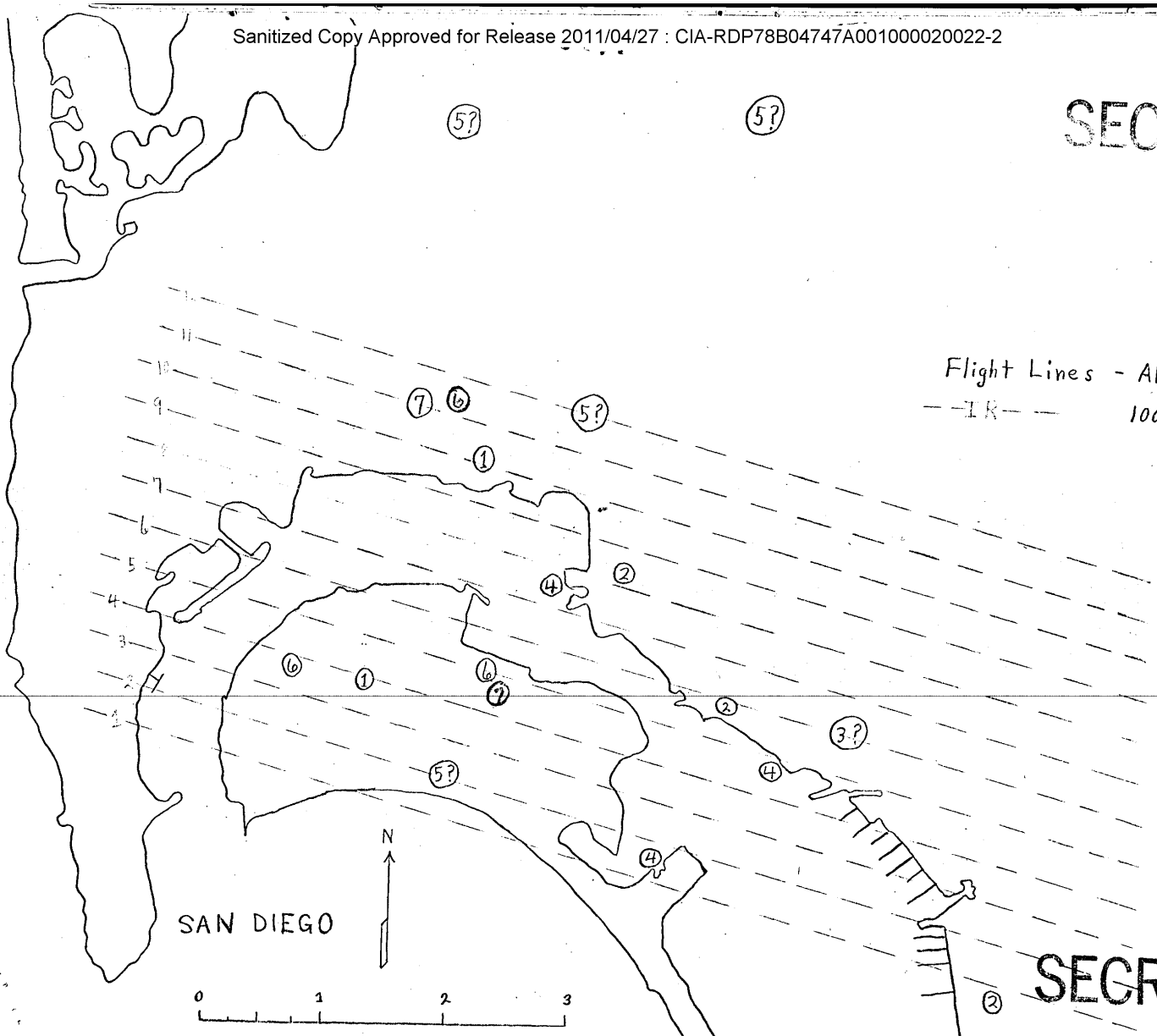
ATTACHMENT No. 4

SECRET



SECRET

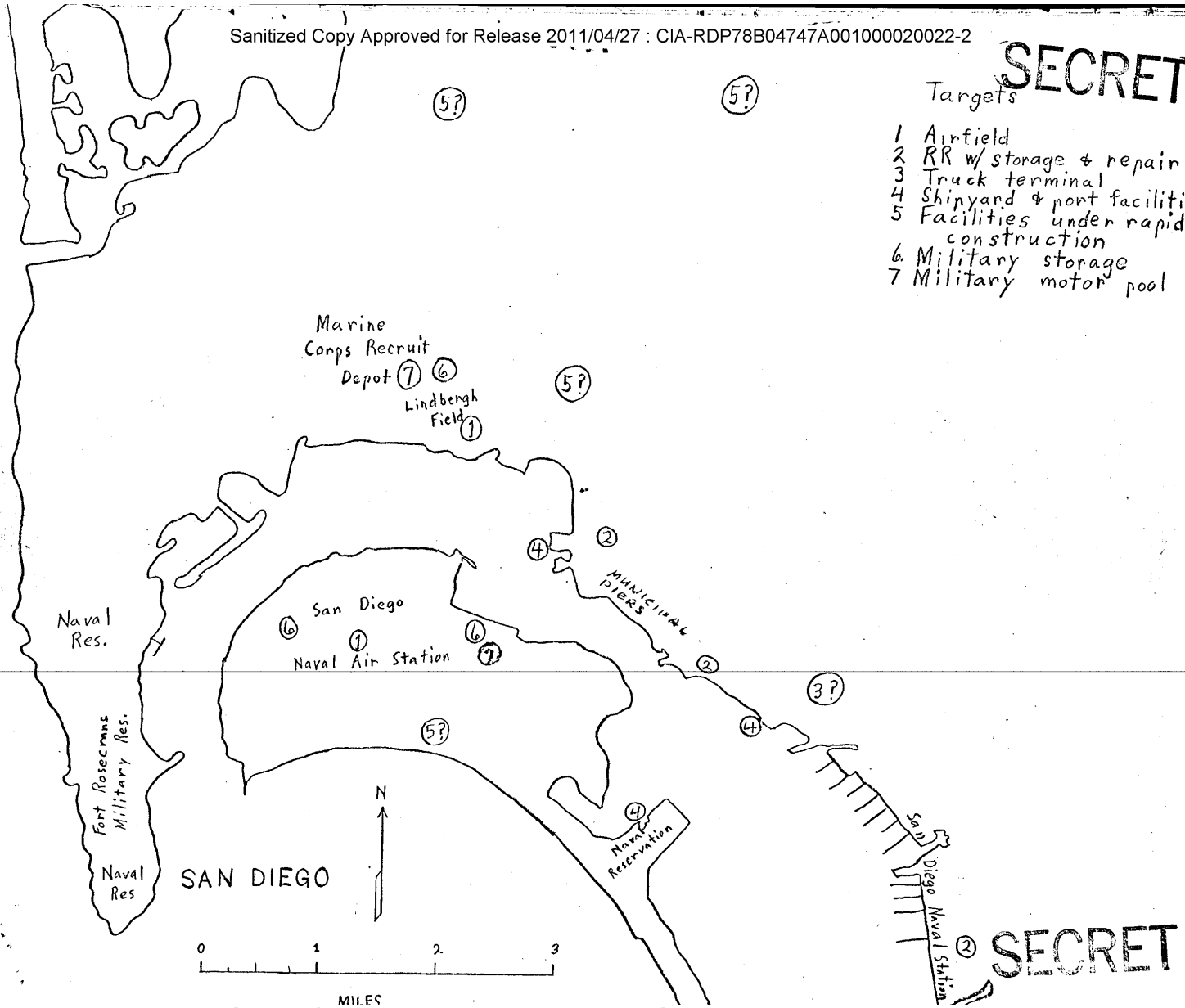
SECRET



SECRET

Targets

1 Airfield
2 RR w/ storage & repair
3 Truck terminal
4 Shipyard & port facilities
5 Facilities under rapid construction
6. Military storage
7 Military motor pool



GROUND TRUTH

1. Target:
2. Date:
3. Component identification and purpose (a meaningful description):
4. Time of ground truth (local time):
5. Ground photographs taken: (identify photography by component name, date, time and location)
6. Component surface material: (e.g., painted wood, steel, aluminum, grass, etc)
7. Component surface color:
8. Component surface condition: (wet, dry, rotten, shiny, etc)
9. Component surface temperature:
10. Component surface emissivity: (.01 - .99)
11. Component surface dimensions: (X, Y and Z)
12. Component contents (if a type of container):
13. Probable effects of contents on outside surface temperature of the component:
14. Does component have an internal heat source or refrigeration (describe type and purpose):
15. If there is an internal heat source or refrigeration, describe type of walls in relation to their radiation transmittance to the surface:
16. Date and time the component was moved, if applicable:
17. Component background material: (e.g., grass, concrete, tar paper, etc)
18. Component background color:

for every component

19. Component background condition:

20. Component background temperature:

21. Component background emissivity:

22. Probable effects of background radiation on component radiation:

23. Ambient air temperature:

24. Wind speed:

25. Wind direction:

26. Precipitation on the component during past hour:

    Type: (rain, sleet, hail -- also include fog)

    Amount:

    Duration:

Sensor Operator's Log (IR)

1. Mission #
2. date
3. pass # (if more than one pass, fill out a log sheet for each)
4. direction:
5. time start: (local time)
6. time stop: ( )
7. altitude:
8. filter on or off
9. type of filter:
10. detector type & coolant
11. Indicate all Sensor Settings -- Time: (record as changed)

(a) Gain:

(b) Level:

(c) Contrast:

12. General atmospheric conditions:

13. Attach flight line map

14. Remarks: (malfunctions, general operating condition of sensor, flight turbulence)

Sensor Operator's Log (Camera)

1. Mission #
2. Date #
3. pass #
4. direction
5. time start (local time)
6. time stop
7. altitude
8. filter on or off
9. type of filter
10. type of film
11. general atmospheric conditions
12. attach flight line map
13. Remarks: (malfunctions, turbulence)